



2631

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#5

06-19-03  
S1

Applicant(s): Wolfgang Zirwas

Appl. No.: 09/868,237

Conf. No.: 7074

Filed: June 15, 2001

Title: METHOD AND COMMUNICATION SYSTEM FOR TRANSMITTING  
INFORMATION WITH THE AID OF A MULTICARRIER METHOD

Art Unit: 2631

Examiner: Unknown

Docket No.: 112740-229

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MAY 28 2003

Technology Center 2600

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P.O. Box 1450  
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## CERTIFICATE OF MAILING BY FIRST CLASS MAIL UNDER 37 CFR 1.8

Sir:

I hereby certify that the following documents relating to the above-identified application:

1. Transmittal of Information Disclosure Statement in duplicate,
2. Information Disclosure statement – PTO 1449 – **references**
3. return receipt postcard

are being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to:

Mail Stop  
Commissioner for Patents  
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on May 21, 2003.

Respectfully submitted,

BELL, BOYD &amp; LLOYD LLC

Robert Buccieri

Name of Person Mailing Correspondence

Signature

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
**(Under 37 CFR 1.97(b) or 1.97(c))**

Docket No.  
112740-229

In Re Application Of: **Wolfgang Zirwas**

Serial No.  
09/868,237

Filing Date  
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Examiner

Group Art Unit  
2631

**Title: METHOD AND COMMUNICATION SYSTEM FOR TRANSMITTING INFORMATION WITH THE  
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Address to:  
Assistant Commissioner for Patents  
Washington, D.C. 20231

MAY 28 2003

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**37 CFR 1.97(b)**

1.  The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

2.  The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

the statement specified in 37 CFR 1.97(e);

**OR**

the fee set forth in 37 CFR 1.17(p).

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
**(Under 37 CFR 1.97(b) or 1.97(c))**

Docket No.  
112740-229

In Re Application: Wolfgang Zirwas

Serial No.  
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Group Art Unit  
2631

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**MAY 28 2003**

**Payment of Fee**

**Technology Center 2600**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- A check in the amount of \_\_\_\_\_ is attached.
- The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 02-1818 as described below. A duplicate copy of this sheet is enclosed.
- Charge the amount of \_\_\_\_\_
- Credit any overpayment.
- Charge any additional fee required.

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I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (F

(Date)

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Typed or Printed Name of Person Signing Certificate

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I certify that this document and fee is being deposited with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Signature of Person Mailing Correspondence

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\*This certificate may only be used if paying by deposit account.

Signature

William E. Vaughan (Reg. No. 39,556)

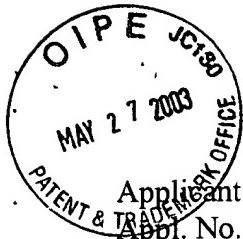
Bell, Boyd & Lloyd LLC

P.O. Box 1135

Chicago, Illinois 60690-1135

Dated: May 21, 2003

CC:



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Wolfgang Zirwas  
Appl. No.: 09/868,237  
Conf. No.: 7074  
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Title: METHOD AND COMMUNICATION SYSTEM FOR TRANSMITTING INFORMATION WITH THE AID OF A MULTICARRIER METHOD  
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Alexandria, VA 22313-1450

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### INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 37 C.F.R. 1.97, and 37 C.F.R. 1.98, Applicant requests that a citation and examination of the references cited below, and on the attached PTO-1449 form, copies of which are enclosed, be made during the course of examination of the above-identified application for United States patent.

#### U.S. PATENT DOCUMENTS

<u>Document No.</u>	<u>Date</u>	<u>Inventor</u>
5,673,290	9-30-97	Cioffi

#### FOREIGN PATENT DOCUMENTS

<u>Document No.</u>	<u>Date</u>	<u>Country</u>
WO 97/01900	1-16-97	PCT
2 300 546	11-6-96	Great Britain
DE 44 41 323	7-9-98	Germany

#### OTHER DOCUMENTS

XP-000736731 "Comparison between Adaptive OFDM and Single Carrier Modulation with Frequency Domain Equalization", Czylwik, pages 865-869

Drahtlos zum Freizeichen, Reib, pages 34-37

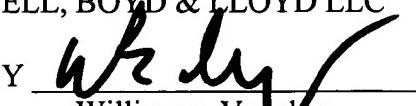
Mobilfunktechnik fur Multimedia-Anwendungen, Robling, pages 42-52

Applicants look forward to early and favorable consideration of this matter.

Respectfully submitted,

BELL, BOYD & LLOYD LLC

BY



William e. Vaughan

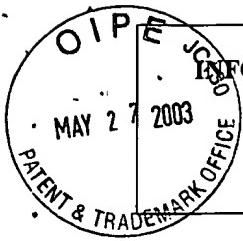
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Phone: (312) 807-4292

Dated: May 21, 2003



**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**  
**(Use several sheets if necessary)**

PTO Form 1449

Atty Docket No. 112740-229	Application No. 09/868,237
Applicant Zirwas	
Filing Date 6-15-01	Group 2631

## **U.S. PATENT DOCUMENTS**

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## **FOREIGN PATENT DOCUMENTS**

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

Initials		
		XP-000736731 "Comparison between Adaptive OFDM and Single Carrier Modulation with Frequency Domain Equalization" Czylwik, pages 865-869
		Drahtlos zum Freizeichen, Reib, pages 34-37
		Mobilfunktechnik für Multimedia Anwendungen, Robling, pages 42-52

Examiner:	Date Considered:
*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	